

DATA INTEGRATION SYSTEM WITH  
PROGRAMMATIC SOURCE AND TARGET INTERFACES

ABSTRACT

In one embodiment, a system is provided for executing bulk data transfers between persistent data stores in connection with an enterprise-level business workflow. A data integration server is coupled to one or more stores. Programmatic source interfaces are each associated with a source store, defined according to a source interface specification, and exposed within the server during a transfer in connection with an enterprise-level business workflow to enable the server to extract from its source store data entities for loading into any selected target stores during the transfer. Programmatic target interfaces are each associated with a target store, defined according to a target interface specification, and exposed within the server during a transfer in connection with an enterprise-level business workflow to enable the server to load into its target store data entities extracted from any selected source stores during the transfer. Each programmatic interface: (1) provides to its store an abstraction of transfer operations within the server such that custom code need not be developed in connection with its store to enable transfers between its store and any other particular stores; and (2) isolates from the server specific details associated with its store such that custom code need not be developed in connection with the server to enable transfers between its store and any other particular data stores.